CITY OF BEAVERTON
Community Development Department
Building Division
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ROOFTOP MECHANICAL UNIT CHECK SHEET FOR PLAN REVIEW

Revised 02/11

☐ **Mechanical plans** need to include:

- Code year being used**.**
- If the unit is new,
  - Show how ventilation requirements from Chapter 4 (OMSC) are being met**.**
  - Obtain City Planning Division sign off for screening or location on the roof. Call the City Planning Division at (503) 526-2420 for further information.
- Verification that roof curb attachment details (anchor sizes and locations) are legible and concise. (Section 106.3.1, OMSC)
- Verification that construction details for any support structure for the proposed mechanical equipment (framing member sizes, hardware call outs, and attachments, etc.) are legible and concise and framing member location plans correspond with roof location plan. (Section 106.3.1, OMSC)

☐ Provide a **roof plan** that includes:

- Location of existing/new unit(s) to be placed. (Section 106.3.1, OMSC)
- Identification of units as new, relocated, replacing existing, etc. (Section 106.3.1, OMSC)
- Verification that the plans include dimensions for roof edge-to-unit distance(s) for application of guard requirements. (Section 304.11, OMSC)
- Verification if roof screening may be required; and if so, provide details for construction and roof attachment. Contact the City Planning Division at (503) 526-2420 to verify roof screening requirements. (Section 107, OSSC and City of Beaverton Ordinance 3978)
- Verification if roof access is provided and/or required. (Section 306.5, OMSC)
- Verification of clearances to other mechanical equipment air inlets and exhaust, plumbing vents, and other outlets, etc. (Sections 401.4 and 501.2.1, OMSC)

☐ Provide **mechanical equipment cut sheets** to:

- Verify unit weight against any information provided for structural roof support and other requirements. (Section 107.2, 0MSC and Chapter 16, OSSC)
- Verify CFM rating for smoke shutdown requirements (2000 cfm). (Section 606, OMSC)
- Verify energy rating and economizer requirements where applicable. (Section 503.2.3, OESC)
- Verify gas input BTU ratings for proper gas pipe sizing of existing piping. (Sections 106.3.1 and C402, OMSC)

☐ For **gas piping**, include:

- A drawing with BTU input ratings, delivery pressure, lengths and sizes of piping, location of meter and/or main line being used, material of piping to be used, etc. (Sections 106.3.1 and C402, OMSC)